

Sheldrake, Sean

From: Sheldrake, Sean
Sent: Monday, July 27, 2015 11:35 AM
To: bayuk.dana@deq.state.or.us
Cc: Lance Peterson (PetersonLE@cdmsmith.com); Eva DeMaria (DeMaria.Eva@epa.gov)
Subject: FW: Phase 2 Testing Figures (first 30 days)
Attachments: Comments on Phase 2 HC&C data summary 5-19-15 to 6-10-15.docx

Hi Dana,

Please see the draft EPA comments on first 30 days of Phase 2 testing figures. Let me know if you'd like to discuss or have any questions. Hope you had a good weekend!

S

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From: John Renda [<mailto:jrenda@anchoragea.com>]
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Subject: Phase 2 Testing Figures (first 30 days)

Dana –

The Figures from the first 30 days of the 60-day Phase 2 test have been uploaded to our FTP site. Instructions to access our FTP site are provided below. These figures follow the same organization and format as the January 30, 2015 Groundwater Source Control Phase 1 Testing Data Summary Report figure series 3 through 8.

Figure 3.1a – 3.1d	Potentiometric Surface Contours Using Serfes 3-Day Rolling Averages from 5/19/15 – 5/21/15 for Fill, Upper Alluvium, Lower Alluvium, and Deep Lover Alluvium
Figure 3.2a – 3.2d	Potentiometric Surface Contours Using Serfes 3-Day Rolling Averages from 6/8/15 – 6/10/15 for Fill, Upper Alluvium, Lower Alluvium, and Deep Lover Alluvium
Figure 3.3a – 3.3d	Contours of Water Elevation Difference Using Serfes 3-Day Rolling Averages from 5/19/15 – 5/21/15 for Fill, Upper Alluvium, Lower Alluvium, and Deep Lover Alluvium
Figure 3.4a – 3.4d	Contours of Water Elevation Difference Using Serfes 3-Day Rolling Averages from 6/8/15 – 6/10/15 for Fill, Upper Alluvium, Lower Alluvium, and Deep Lover Alluvium
Figure 4.1 – 4.83	Groundwater Elevation Differences (all wells individually comparison against river)
Figure 5.1 – 5.34	Groundwater Elevation Differences (comparison of elevations of paired wells between different alluvial or fill units)
Figure 6.1	Contours of Water Elevation Difference Between Upper and Lower Alluvium Using Serfes 3-Day Rolling Averages From 5/19/2015 to 5/21/2015
Figure 6.2	Contours of Water Elevation Difference Between Upper and Lower Alluvium Using Serfes 3-Day Rolling Averages From 6/8/15 – 6/10/15
Figure 7.1 – 7.10	Groundwater Elevation Differences (comparison of gradients of paired wells between alluvial units and the river)
Figure 8.1 – 8.23	Groundwater Elevations and Pumping Rates at Pumping Wells
Figure 8.24	Total Pumping Rates of Upper Alluvium Wells
Figure 8.25	Total Pumping Rates of Lower Alluvium Wells
Figure 8.26	Total Pumping Rates of Upper and Lower Alluvium Wells

We will discuss these figures during a WebEx meeting on July 1st at 9 am.

Please note that annotations were added to several plots to explain some features in the data that appear anomalous due to increased pumping rates at PW-15U and PW-16U beginning on June 3rd, changes in pumping at PW-9-93 on 2 occasions due to pump faults, and changes in pumping of other wells during Aqua Gard injections.

FTP Access Instructions:

To access the FTP site automatically using Windows Explorer please follow the steps below.

- From *Windows XP* desktop select Start -> Run or for *Windows 7* select Start -> and click in the search box.
- Copy/Paste the following line into the “Open” box for XP or the “Search” box for Windows 7 and hit “enter”

(b) (6)

- You should now be logged into the site using Windows Explorer. You can use copy/paste to move files to or from the site.

To access the FTP site manually using a FTP browser like [CoreFTP](#) or Windows Explorer please use the info below.

Site URL: (b) (6)

Username: (b) (6)

Password: (b) (6)

To access the FTP site via web browser please follow the steps below.

- Click on the following link (b) (6)
- Input the username and password that are listed in the above section.
- Use the tools available directly to the site to download or upload.

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